PATENT ABSTRACTS OF JAPAN

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(71)Applicant: MATSUSHITA ELECTRIC IND CO

LTD

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(72)Inventor: MORITA KORENOBU

KOSHIBA NOBUHARU

KOBAYASHI SHIGEO

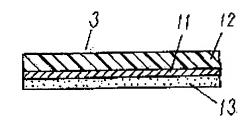
OOTA AKIRA

(54) BUTTON-TYPE AIR-ZINC BATTERY

(57)Abstract:

PURPOSE: To extremely minimize the performancedeterioration of the captioned battery after preservation, together with complete prevention of evaporation of an electrolytic solution.

CONSTITUTION: A rolled aluminum thin film 11 in thickness of 9~15µ is hermetically stuck to a polyester film in thickness of 50~70μ to constitute a sealing member 3 which is excellent in a hermetically sealing property. A resin which can be formed by a well known resin film formation process will suffice for a resin film 12 to be hermetically stuck to one side surface of the aluminum thin film 11, and for this purpose, preferably resins are polyester, polyethylene, and polypropylene; and also other side surface of the aluminum thin film 11



is coated with rubber-system sticky adhesives 13 in thickness of 20~40 µ. Since both side surfaces of the aluminum thin film are completely coated with the resin film, the beautiful metallic luster can be semi-permanently maintained without being oxidized and decolored during preservation of the battery.